Lawrence Berkeley National Laboratory

LBNL File No. _____

Date Received: _____

Software Disclosure And Abstract

This software was developed in the course in or under prime contract No. DE-AC02-05CH11231 between the U.S. Department of Energy and the University of California. This Disclosure is prepared for the Office of the Assistant General Counsel for Patents, U.S. Department of Energy.

Mail completed disclosure to LBNL Technology Transfer and Intellectual Property Management – Patent Group, MS 56A-0120

Telephone (510) 486-7058 if you have questions regarding this form.

Title of Software Program:

Important – Check the box below & provide the requested information for the funding source for this software:

☐ DOE

B & R Code (See Division office for appropriate B & R code):_____

DOE Program Mgr. Name:_____ E-Mail:_____

Address:_____ Tel:_____

☐ Non DOE sponsor (including WFO)

Sponsor Name:_____ E-Mail:_____

Address:_____ Tel:_____

☐ CRADA:_____ Private Sector Participant:_____

☐ Subcontractor No.:_____ Contractor:_____

☐ Other (describe):

LBNL Account No.:_____ LBNL Principal Investigator:_____

Do you reasonably expect future or continuing funding?

☐ Yes. Source:_____

☐ No future funding is currently expected.

This is ☐ continuing funding or ☐ future funding.

Developer(s):

Full Name	Title/Position	Employer	Division	Tel.	E-Mail

Please answer "Yes" or "No"

Does the software contain any freeware, shareware, commercial software of other third party code?

☐ Yes   ☐ No

If "Yes," please provide detail:

[ ]

Was any portion of the software written by a subcontractor or non-LBL employee (including developers listed above who were not employed at LBNL at the time the code was written)?

☐ Yes   ☐ No

If "Yes," please supply the names, contact information, and whether you know if such third party has executed an LBNL grant-back letter.

[ ]

Are you aware of companies that are or would be interested in the software?

☐ Yes   ☐ No

If "Yes," please list:

[ ]

**UNITED STATES DEPARTMENT OF ENERGY
ANNOUNCEMENT OF COMPUTER SOFTWARE**

Record Status (Select one)

☐ New Package   ☐ Software Revision

PART 1: STI SOFTWARE DESCRIPTION

A. Software Title

Short name or acronym : _____

Keywords in context :

B. Developer(s)

E-mail address(es) :

C. Site Product Number

1. DOE CONTRACT/GRANT NUMBER(S)

   USDOE Contract No. DE-AC02-05CH11231

2. R&D PROJECT ID(S)

   B&R Number_____ , Project Number

3. SOFTWARE OR OTHER IDENTIFYING NUMBER(S)

   LBNL CR- _____ (for LBNL Patent Dept. use only)

D. Originating Research Organization

   Lawrence Berkeley National Laboratory

E. Release Date/Date of Issuance: _____

F. Sponsoring Organization _____

_____

_____

G. Other

(Information useful to include in published announcement record, which is not suited for any other field on this form)

H. Description/Abstract

UNITED STATES DEPARTMENT OF ENERGY
ANNOUNCEMENT OF COMPUTER SOFTWARE

PART II: STI PRODUCT MEDIA/FORMAT and
LOCATION/TRANSMISSION

E. References

A. Hardware Requirements

☐ PC ☐ Supercomputer ☐ Mainframe

☐ MAC ☐ Multi-platform ☐ Workstation

☐ Other requirements

B. Software Requirements

1. Operating system/version _____

2. Compiler/version _____

3. Limitations/restrictions/
   timing requirement estimate _____

4. Other special requirements _____

5. Related/auxiliary software _____

6. Type(s) of files:

☐ source code ☐ text library

☐ Object library ☐ user guide

☐ Executable module(s) ☐ auxiliary materials

☐ Compilation instructions ☐ linking instructions

☐ Sample problem input data ☐ sample problem output data

☐ Control information ☐ program flow diagram

☐ Program flow data ☐ programmer documentation

☐ Installation instructions other ☐ other

C. Media Type Information

☐ 3.5" Diskette ☐ ZIP DISK ☐ CD-ROM

Quantity _____ Capacity _____

Format: ☐ PC ☐ MAC ☐ UNIX (Tar Format)

Location/transmission:

☐ URL : _____

☐ FTP Filename : _____

D. Documentation

Type: ☐ User Manual ☐ Read Me file ☐ Other

Format: ☐ Electronic ☐ paper ☐ Other

Location/transmission:

☐ URL : _____

☐ FTP Filename : _____

BUSINESS REVIEW AND COPYRIGHT REGISTRATION INFORMATION

In addition to Form DOE F 241.4 which is incorporated into this form, please fill out the following.

LBNL Contact Information. Please fill in the contact information for how an external user would receive information about this software. For example, this might be the primary author's contact information (e.g., Jbrown@lbl.gov) or a generic contact (e.g., XYZCode@lbl.gov).

Name: _____   E-Mail:_____

Phone:_____   Organization:_____

Related and/or Auxiliary Software. If the software requires the use of third party software, or if the code supersedes or is an extension of earlier software, please identify such software here.

Also, identify any programs not considered an integral part of this software but used in conjunction with it (e.g., for preparing input data, plotting results, or coupled through use of external data files). Note similar library software, when known.

Where your software incorporates or is a derivative work of some other software, it is important that you (i) identify the original software, (ii) from where you obtained it, and (iii) any applicable copyright notices and licenses accompanying such software (attach copies of any licenses or other copyright notices as separate pages as necessary).

I believe myself to be a developer (i.e. author and/or inventor) of the above-described software program. (Each developer must sign.)

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Developer:_____ Date:_____ Witness:_____ Date:_____

Read and Understood by:_____ Date:_____
                        LBNL Patent Group Reviewer

INSTRUCTIONS

Who Uses This Form: All U.S. Department of Energy (DOE) offices, contractors, and financial assistance recipients.

When to Use this Form: Complete one copy of this form for each software package submitted or announced to the Energy Science and Technology Software Center (ESTSC) at the DOE Office of Scientific and Technical Information in accordance with established DOE Orders. Additional information concerning preparation can be found in DOE G 241.1-1A. Questions may be referred to ESTSC at (865) 576-2606, Fax (865) 576-6436, and/or E-mail: **estsc@adonis.osti.gov.**

ITEM INSTRUCTIONS :
Part I. STI SOFTWARE DESCRIPTION

A. SOFTWARE TITLE – The title, acronym, and KWIC (keywords in context) title of the software.

B. DEVELOPER(s) – The primary software developer should be listed first. Multiple names acceptable. Allows for "NONE" as an option for few cases where necessary.

E-mail Address(es) – Provide in same order as developer names. Will be used only by OSTI staff.

C. SITE PRODUCT NUMBER – Unique site number that identifies software product.

1. DOE Contract/Grant Number(s) – Required for all (can be "NONE").
2. R&D Project ID(s) – A unique and permanent ID assigned to identify a particular research project or funding source.
3. Software or Other Identifying Number(s) – If appropriate, includes CRADA number, LDRD number, B&R code, etc.

D. ORIGINATING RESEARCH ORGANIZATION – The organization/site submitting the software.

E. RELEASE DATE/DATE OF ISSUANCE – Identifies the software release date. Standard format to be followed (e.g. follow rules of inputting), but requires standard 4-digit year.

F. SPONSORING ORGANIZATION – The sponsoring or funding office of the work reported in the STI product. "USDOE" is the default value.

G. OTHER – Information useful to include in published announcement record, but which is not suited for any other field on this form.

H. DESCRIPTION/ABSTRACT – Text should be spell-checked, limited in length to 2000 characters, and follow input standards for special characters. Describe the purpose of the computer program, state the problem being solved and summarize the program functions and capabilities (highlight the advantages, distinguishing features and/or special capabilities). Provide a short summary of the mathematical methods, engineering principles, numerical algorithms and procedures incorporated into the software. DO NOT INCLUDE SENSITIVE INFORMATION IN THE DESCRIPTION/ABSTRACT.

Part II: STI PRODUCT MEDIA/FORMAT and LOCATION/TRANSMISSION

A. HARDWARE REQUIREMENTS – Hardware and installation environment requirements necessary for full utilization of the software. Include memory and RAM requirements in addition to any nonstandard features.

B. SOFTWARE REQUIREMENTS –
1. Operating System/Version
2. Compiler/Version
3. Limitations/Restrictions/Timing Requirement Estimate
4. Other Special Requirements
5. Related Auxiliary Software
6. Type(s) of Files: Types of files provided on the media, for example source code, text library, etc.

C. MEDIA TYPE INFORMATION – An explanation of the type of media (diskette, CD, etc.) provided with the package.

D. DOCUMENTATION – The documentation type and format provided with the package.

E. REFERENCES – List citations of pertinent publications by author, title, report number, barcode, or order number (if available) and date.

References are to be broken down into two groupings: 1) reference documents provided with the submittal package and 2) additional background reference materials generally available.